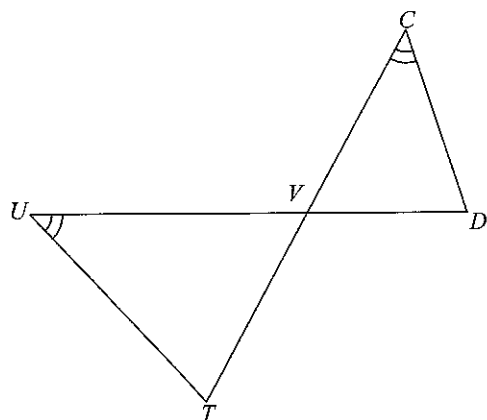


# Similarity Quiz 1 Review

Date \_\_\_\_\_ Period \_\_\_\_\_

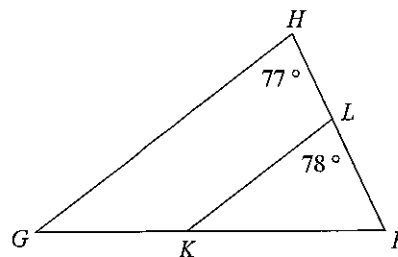
**State if the triangles in the pair are similar by Angle Angle. If so, complete the similarity statement. Cite appropriate evidence.**

1)



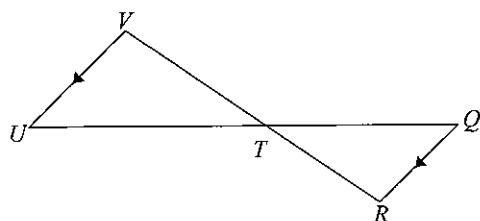
$\triangle VUT \sim$  \_\_\_\_\_

2)



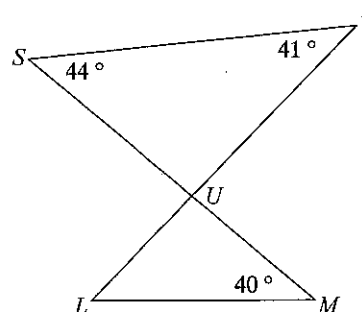
$\triangle FGH \sim$  \_\_\_\_\_

3)



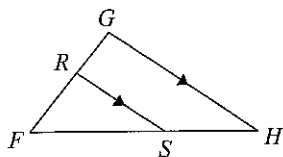
$\triangle TUV \sim$  \_\_\_\_\_

4)



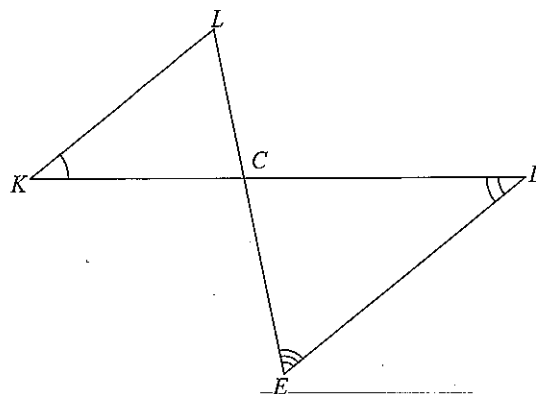
$\triangle UTS \sim$  \_\_\_\_\_

5)



$\triangle FGH \sim$  \_\_\_\_\_

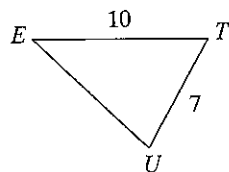
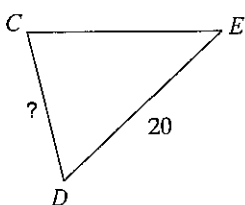
6)



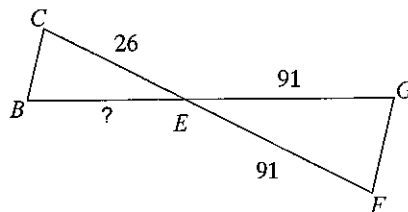
$\triangle CDE \sim$  \_\_\_\_\_

Find the missing length. The triangles in each pair are similar. SET UP PROPORTIONS!

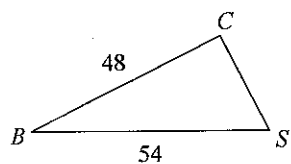
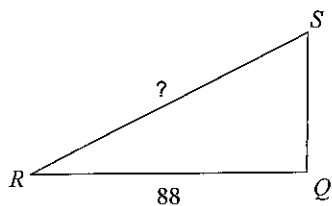
7)  $\triangle CDE \sim \triangle UTE$



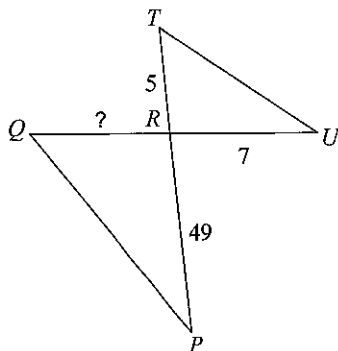
8)  $\triangle CBE \sim \triangle FGE$



9)  $\triangle BSC \sim \triangle RSQ$

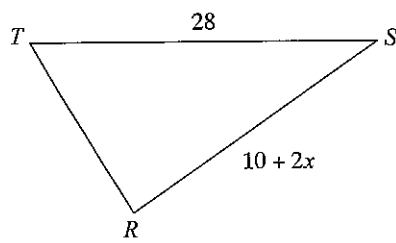


10)  $\triangle TUR \sim \triangle QPR$

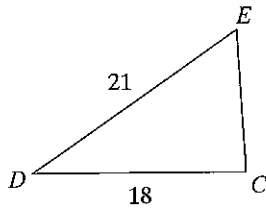


Solve for  $x$ . The triangles in each pair are similar.

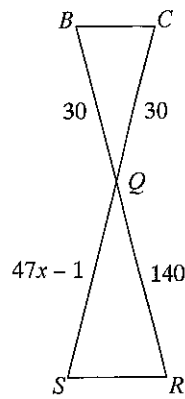
11)



$$\triangle CDE \sim \triangle RST$$

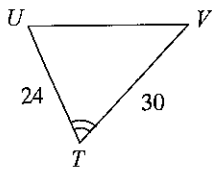


12)

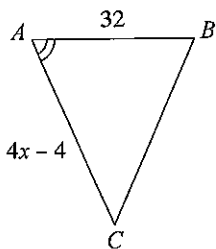


$$\triangle BQC \sim \triangle RSQ$$

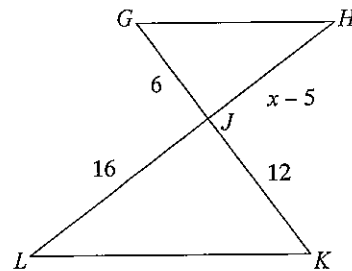
13)



$$\triangle ABC \sim \triangle TUV$$



14)



$$\triangle LJK \sim \triangle HJG$$